

Volume IV

Source Control BMPs (Minimum Requirement #3)



Volume IV - Source Control BMPs

Chapter 1

1.4. Definitions (Operational, Structural, and Treatment BMPs)

1.6. Applicable vs. Recommended BMPs

Chapter 2

2.1. Operational BMPs

2.2. Source-Specific Operational and Structural BMPs



Source Control BMPs

- **Applicable BMPs – Section 1.6**
 - **BMPs for equivalency**
 - **BMPs likely referenced in the reissued NPDES Industrial Stormwater General Permit**



Source Control BMPs

- Recommended BMPs –Section 1.6
 - Approaches beyond or complementary to the applicable BMPs
 - Not necessary for manual equivalency & not likely required in NPDES permit



Operational Source Control BMPs



- **Section 1.4 Definition:**
 - Non-structural practices that prevent or reduce pollutants
- **Categories**
 - Preventive Maintenance
 - Employee Training
 - Inspections
 - Record Keeping
 - P2 Team
 - Good Housekeeping
 - Spill Prevention & Clean-up

Operational Source Control BMPs



- Section 2.1 lists applicable and recommended BMPs for each category; e.g.
 - Good Housekeeping
 - Sweeping
 - Clean oils, debris, sludge regularly
- These apply to all types of industrial/commercial sites

Structural Source Control BMPs



- Physical, structural, or mechanical devices or facilities to prevent pollutants from entering stormwater
- Examples
 - Enclosing/covering (Building, Roof, lean-to) to prevent runoff
 - Stormwater segregation to prevent runoff
 - Direct Contaminated Stormwater to treatment

Section 2.2 Pollutant Source-Specific BMPs



- **31 different areas/activities listed**
 - Commercial Composting
 - Fueling
 - Etc.
- **For Each Area/Activity**
 - Description of Pollutant Sources
 - Pollutant Control Approach
 - Applicable operational, structural, treatment BMPs
 - Recommended BMPs

Section 2.2. Pollutant Source-Specific BMPs



Local Government Project Reviews should check for Source Control Structural BMPs



Significant New BMPs

Deicing Areas (p. 2-14)

–Aircraft

–Roadways

Mobile Fueling (p. 2-43)

Roof/Building Drains (p. 2-51)





Modified BMPs



**Landscaping/lawn vegetation mgmt.
(p. 2-23)**



Maintenance of Utility Corridors (p. 2-36)

- chemical preservation per industry standards
- environmentally sensitive areas, use other materials
- consider-other technologies (sleeves/caissons) when commercially available



Parking/Storage of Vehicles (p. 2-48)
--High-Use Sites



Wood Treatment Areas (p. 2-67)

- use chemicals that do not adversely impact receiving waters

Major Changes

- New Section 2.1 on Operational BMPs
- 19 Additional Source-Specific BMPs
- Appendices:
 - A: Identifying Pollutant Generating Sources per Urban Land Use
 - B: Stormwater Pollutants & Adverse Impact
 - C: Recycling/Disposal of Vehicle Fluids
 - D: Regulatory Requirements
 - E: NPDES Stormwater Discharge Permits
 - F: Integrated Pest Management Example
 - G: Management of Street Wastes





General Questions

